Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Division

Name of Work: Provoiding Community propety maintenance in ward no-02 of Yelahanka sub Division.

Job Code: **Est.Cost:12.50 Lakhs**

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (Page No 143., I.No.19.1 of KPWD S.R 2018-19).								
	Foot path								
	Suryavamshi Layout	1	231.00	1.40	0.300	97.02			
	Basic Rate	130.00							
	Add Area Weightage @ 6%	7.80							
	Lead for 5 km (2x1.28x5)+57	69.80							
	Total	**207.60**							
					Total	**97.02**	**Cum**	**207.60**	**20,141.35**
2	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 (Page No 147., I.No.19.60 of KPWD S.R 2018-19).								
	Foot path								
	Suryavamshi Layout	1	231.00	1.40	0.300	97.02			
	Basic Rate	325.00							
	Add Area Weightage @ 6%	19.50							
	Total	**344.50**							
						97.02	**Cum**	**344.50**	**33,423.39**
3	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (Page No 153., I.No.20.5 of KPWD S.R 2018-19).								
	Foot path								
	Suryavamshi Layout	1	231.00	1.40	0.100	32.34			
	Basic Rate	1882.00							
	Add Area Weightage @ 6%	112.92							
	Total	**1994.92**				**32.3**	**Cum**	**1994.92**	**64,515.71**
4	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:4:8with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (Page No 13., I.No.4.3 of KPWD S.R 2018-19).								
	Foot path								
	Suryavamshi Layout	1	231.00	1.40	0.100	32.34			
	Basic Rate	5102.00							
	Add Area Weightage @ 6%	306.12							
	Total	**5408.12**							

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
5	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. Specification No. KBS - do - heavy duty cobble stones -do- 60mm thick (Page No . 103, I.No. 14.6 of KPWD S.R 2018-19).					32.34	Cum	5408.12	174898.60
	Foot path								
	Suryavamshi Layout	1	231.00	1.40		323.40			
	Basic Rate	1053.00							
	Add Area Weightage @ 6%	63.18							
	Total	1116.18							
6	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete (Page No . 27, I.No. 5.30 of KPWD S.R 2018-19).					323.40	Sqm	1116.18	360972.61
	Foot path								
	Suryavamshi Layout	2	231.00			462.00			
			Total Length			462.00			
			Total Length / .45			1026.67			
	Basic Rate	408.00							
	Add Area Weightage @ 6%	24.48							
	Total	432.48				1026.67	Nos	432.48	444012.80
7	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (Page No. 180, I.No. 24.1 of KPWD S.R 2018-19).								
	Foot path								
	Suryavamshi Layout	2	231.00		0.350	161.70			
	Basic Rate	80.00							
	Add Area Weightage @ 6%	4.80							
	Total	84.80				161.70	Sqm	84.80	13,712.16
								Sub Total	1111677.00
8								GST 12% Charges	133402.00
#REF!									

No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
#REF!									
#REF!									
								Micelenious Charges	4,921.00
								Total	1250000.00

CERTIFICATE:-

1 The above estimate has been prepared as per SR PWD-2016-17

2 Certify that the work spot has been inspected by me & prepared the estimate in most economical way of executing the work

3 This work is not slipt up

4 The work spot comes under BBMP limits

6 The estimate prepared with essential provision

Assistant Engineer
Ward no 02
BBMP, Bangalore.

Assistant Executive Engineer
Yalahanka Sub-division
BBMP, Bangalore.

Executive Engineer
Yelahanka division
BBMP, Bangalore.

Administrative Approval
Accorded For Rs 12.50 lacs only
Head of A/C P 3292
CER NO :...107/18-19 Dt:08.01.2019

[TA] CE (YNK)

TECHNICALLY SANCTIONED FOR Rs. 12.50 L
Rupees Twelve Lacks & Fifty Thousand
Under P. 3292 - 2018-19
W.I.F.
Registered as CE ( ) No
Subject to conditions contained in enclosed memo EE ( ) No
Dt
EE/YNK Te/20/18-19 Estimate A/ Sanctioned No
Dated 07.02.19 Rs 12.50 L

Executive Engineer

Provoiding Community propety maintenance in ward no-02 of Yelahanka sub Division.